

REQUIREMENTS FOR ANALYSIS SUBMISSION

The GBRA Regional Laboratory sample acceptance criteria describes the minimum conditions a sample must meet upon receipt at the laboratory. The following is a brief synopsis of the acceptance criteria. Please contact the laboratory for a copy of the sample acceptance criteria policy (Doc. #3019-A) and for information on preservatives, holding times and sample volumes for the parameters you require.

- ◆ Use water resistant ink to mark sample container with sample name, date and time of sample collection.
- ◆ Samples must be submitted with a completed chain of custody.
- ◆ Use appropriate sample containers with required preservatives.
- ◆ Adhere to sample holding times.
- ◆ Submit the appropriate sample volume.
- ◆ Sample temperature must be between 0° and 6° C. Samples delivered on the same day as collected may not have reached the chilled temperature. Samples are accepted if the chilling process has begun.

◆ All drinking water samples must be submitted in laboratory approved sample containers.

◆ Samples are subject to rejection or qualification if:

- Not received in an appropriate container.
- If the sample container is cracked, leaks, or damaged that could result in sample contamination.
- Not adequate sample volume or air space.
- Exceeds holding time for the requested analysis.

If a sample does not meet the acceptance criteria, the decision to proceed with the analysis will rest with the client. GBRA will call or email the customer for instruction. Samples will be on "hold" status until the client is reached, for up to 3 business days. If the client is not reached or a decision to proceed is made, the sample will be rejected.

GBRA LABORATORY CONTACTS

Main Line: (830) 379-5822 Fax Line: (830) 379-7478

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Sample Custodian	Stacy Frentzen	sfrentzen@gbra.org
Laboratory Assistant (PT)	Ray Harp	rharp@gbra.org



Analysis Rate List

Guadalupe-Blanco River Authority
933 E. Court Street
Seguin, Texas 78155



The Guadalupe-Blanco River Authority's
Regional Laboratory is Accredited in
Accordance with NELAC.

WQ/Lab-0100/2009-Cap1000

www.gbra.org

flowing solutions

LABORATORY ANALYSES FOR WASTEWATER (Effective September 1, 2009)

Solids

Total Suspended Solids.....	22.00
Volatile Suspended Solids.....	22.00
Total Solids.....	22.00
Volatile Solids.....	22.00
Percent Solids/Moisture.....	20.00
Total Dissolved Solids.....	22.00

Sludge/Solids

Fecal Coliform.....	22.00
Oxygen Uptake Rate (SOUR).....	50.00
Percent Solids/Moisture.....	20.00

Demand

Biochemical Oxygen Demand.....	32.00
Carbonaceous Biochemical Oxygen Demand.....	34.00
Chemical Oxygen Demand.....	35.00
Dissolved Oxygen-Winkler.....	14.00
Total Organic Carbon.....	42.00

Nutrients

Total Kjeldahl Nitrogen.....	44.00
Ammonia-Nitrogen (Non Distilled).....	24.00
Ammonia-Nitrogen (Distilled).....	26.00
Nitrate-Nitrogen.....	25.00
Total Phosphorus.....	27.00
Orthophosphate.....	25.00

Wet Chemistries

pH.....	11.00
Oil & Grease.....	54.00
Total Chlorine.....	11.00
Alkalinity.....	22.00
Conductivity.....	11.00
Chloride.....	20.00
Sulfate.....	20.00
Hardness.....	26.00



LABORATORY ANALYSES FOR DRINKING WATER

Drinking Water

pH.....	11.00
Alkalinity.....	22.00
Conductivity.....	11.00
Total Dissolved Solids.....	22.00
Nitrate Nitrogen.....	25.00
Fluoride.....	23.00
Chloride.....	20.00
Sulfate.....	20.00
Chlorite.....	30.00
Nitrite.....	25.00
Orthophosphate.....	25.00
Turbidity.....	15.00
Total Chlorine Residual.....	11.00
Total Organic Carbon.....	42.00

Other

Chlorophyll a.....	40.00
Pheophytin.....	11.00

Microbiology

Total Coliform/E.coli.....	20.00
E.coli-Colilert 18 (MPN).....	25.00
Fecal Coliform (MF).....	22.00
Heterotrophic Plate Count (Simplate) ...	36.00

Coming in 2009, GBRA will be performing:
Total Trihalomethanes..... 95.00

LABORATORY ANALYSES FOR PRIVATE WELLS

Individual Prices

Total Coliform/E.Coli.....	20.00
pH.....	11.00
Conductivity.....	11.00
Hardness.....	26.00
Chloride.....	20.00
Sulfate.....	20.00
Nitrate-Nitrogen.....	25.00
Potassium*.....	33.00
Sodium*.....	33.00
Iron*.....	47.00
Manganese*.....	33.00
Calcium*.....	33.00
Magnesium*.....	33.00
Total Private Well Package:.....	280.00

*Analysis completed at subcontracted lab



Please Note:

Shipping and handling fees are incurred for all subcontracted samples. Additional prep fees are incurred for turbid samples that require filtration prior to analysis. Disposal fees are incurred for specific methods.

Sterilizing Faucets for Total Coliform (bacteria)

1. Remove the filter/aerator from the mouth of the faucet.
2. Use a cup of bleach to submerge the faucet mouth for two minutes.
3. Remove cup. Let the water run from the faucet for two minutes.
4. Fill the preserved bottle to the 100ml line (highlighted with a marker). Do not wash the white powder out of the bottle.
5. Record your name, time and date the sample was collected on the sample bottle label.
6. Place the bottle on ice until delivery.

This test has a 30 hour hold time. Please bring your sample to the GBRA Regional Laboratory within 24 hours to ensure enough time to set up the test. Weekend rates will be charged for tests brought in on Friday as results must be read 24 hours after set up.